

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4334 - L2 Version 3
Chandra X-Ray Center

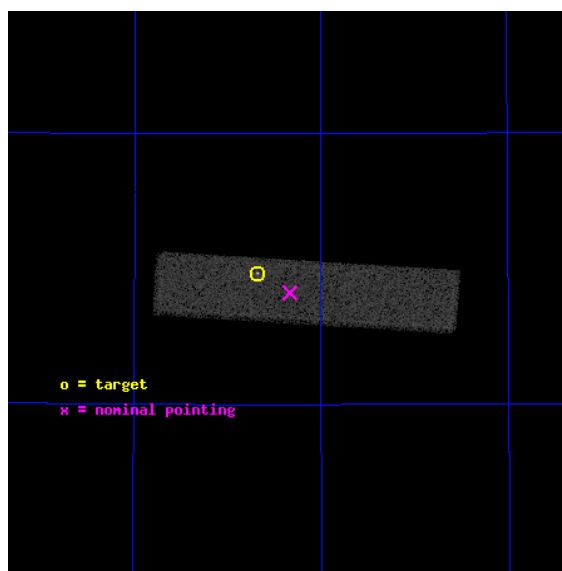
L2 Processing Date : Oct 23 2012

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1 Front

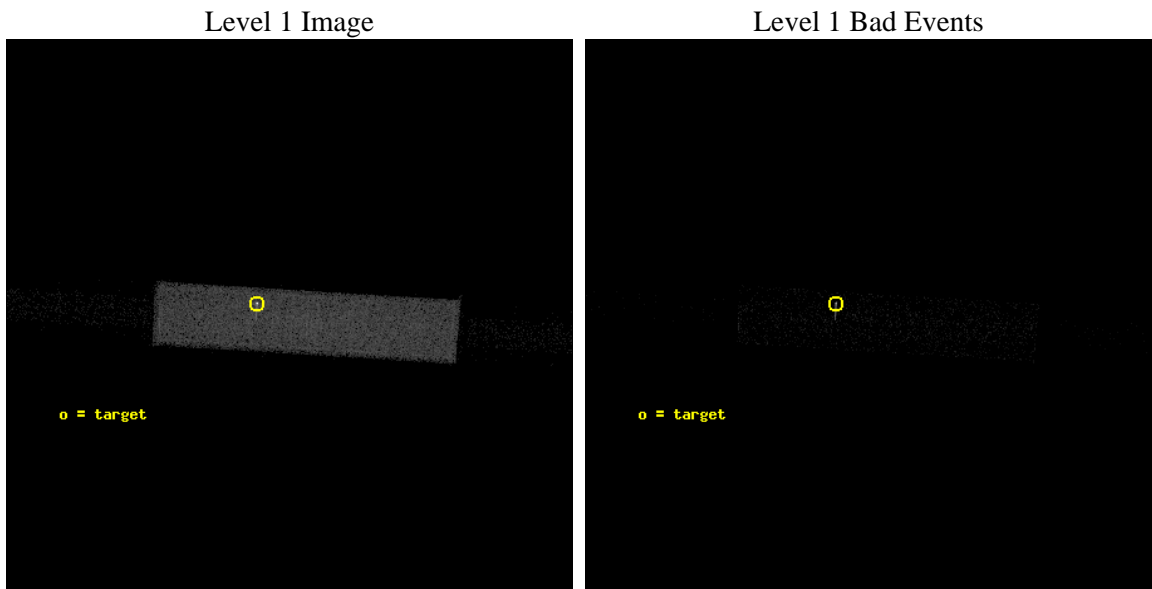
seq_num	290294	Sequence number
obs_id	4334	Observation id
title	AO4A CALIBRATION OBSERVATIONS TO MONITOR SPATIAL VARIATIONS IN THE HRC-S GAIN	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.08344500168	Nominal RA [deg]
dec_nom	45.706409908457	Nominal Dec [deg]
roll_nom	3.4438296330846	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1143.1312980652	[s]
livetime	1137.2090490373	Ontime multiplied by DTCOR
l2events	40755	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1143.1312980652	[s]
caldsver	4.5.2	 	l1events	67784	Number of level 1 events
date	2012-10-23T09:06:06	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

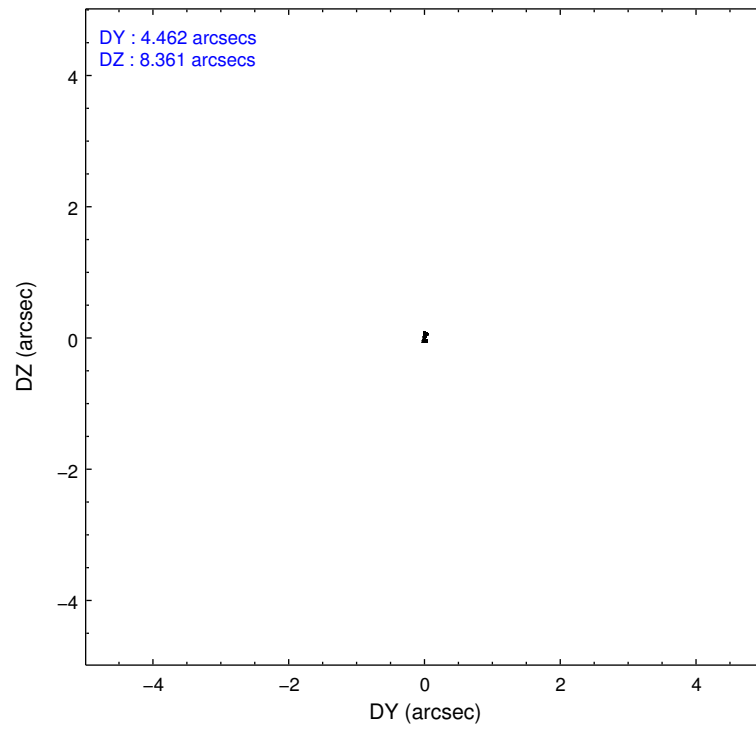
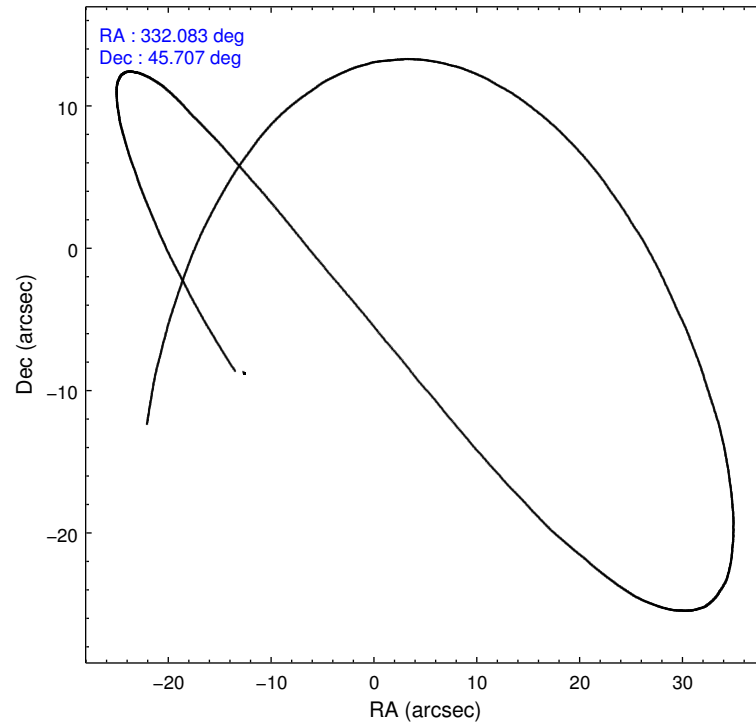
Level 1 Events

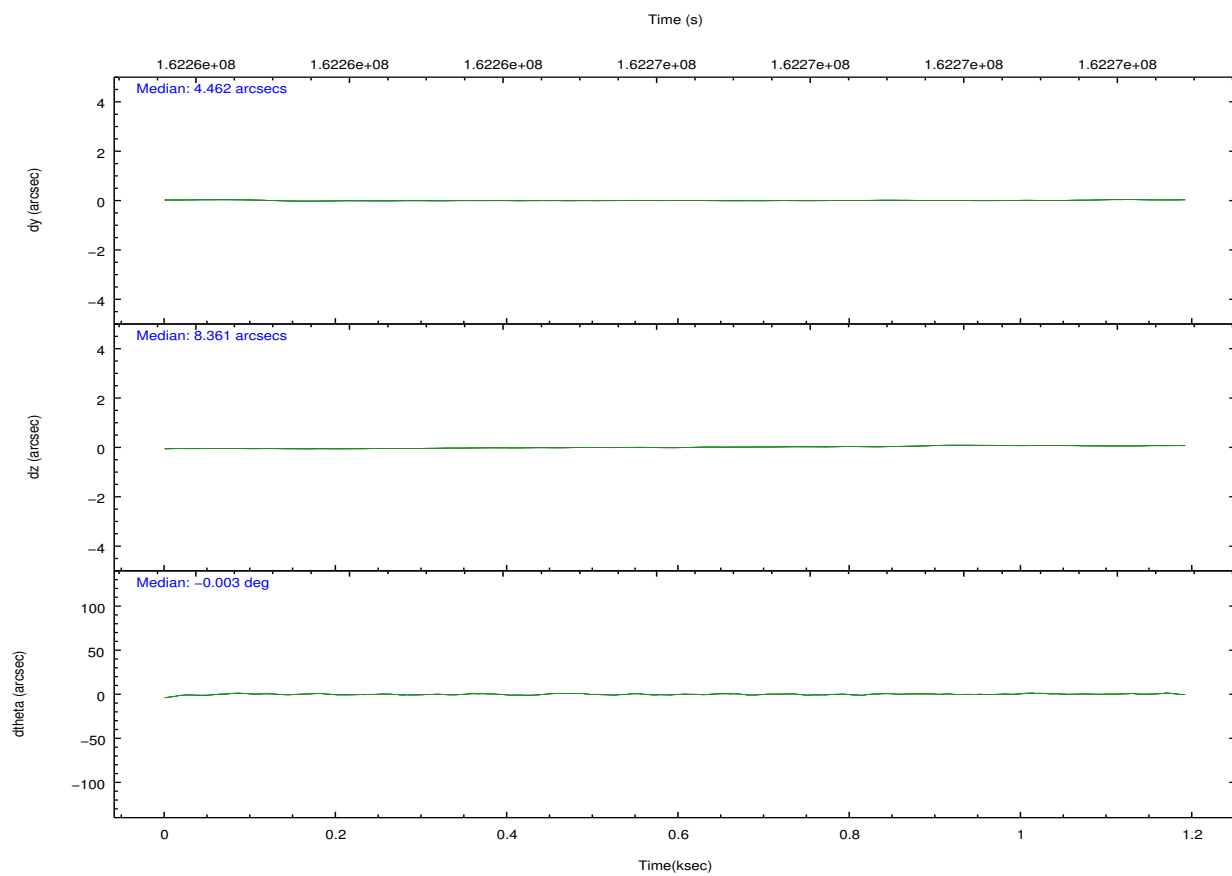
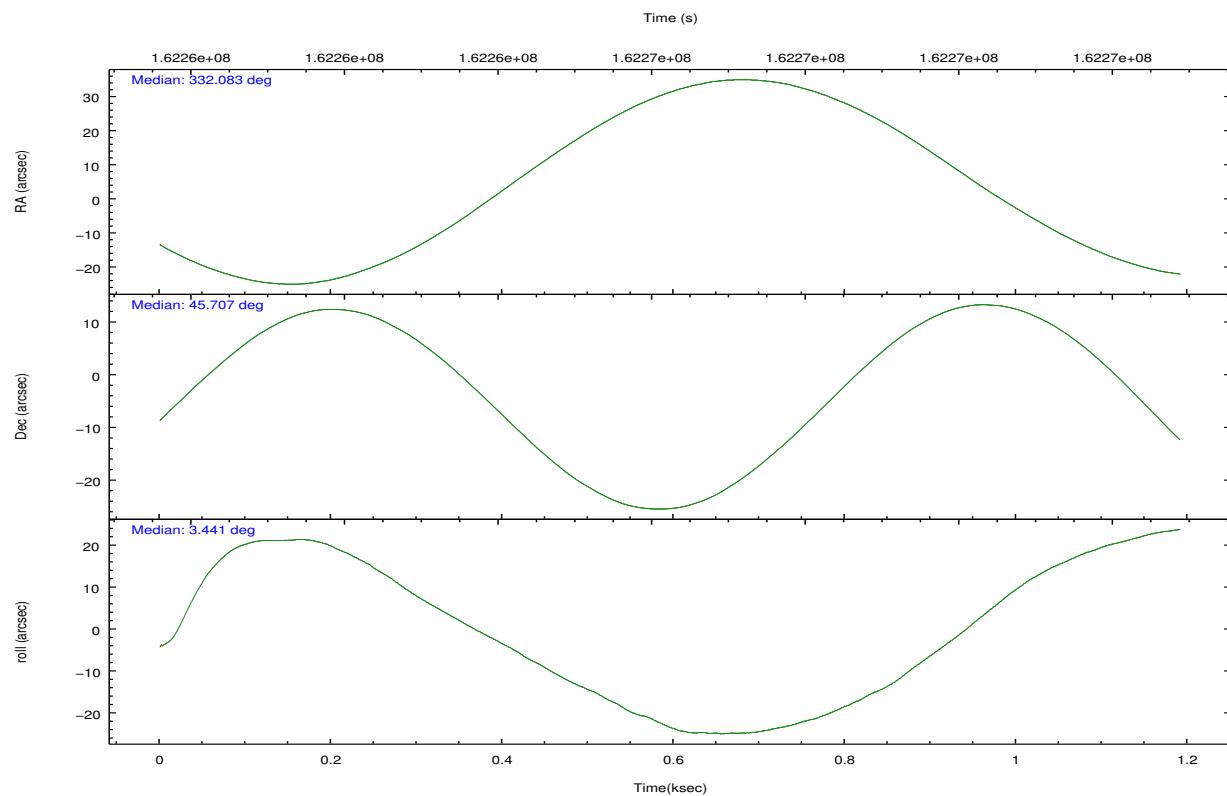
	segment 1	segment 2	segment 3
level 1 events	1100	65629	1055
rejected events	1100	15436	1055
rejected %	100%	23%	100%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.051153	332.0834450016783			
[deg] Pointing Dec	45.688355	45.70640990845723			
[deg] Pointing Roll	3.399835	3.443829633084619			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	162264815.184000	162264439.60583			
Observation start date	2003-02-22T01:32:31	2003-02-22T01:27:19			
[s] Observation end time (MET)	162265815.184000	162265949.94339			
Observation end date	2003-02-22T01:49:11	2003-02-22T01:52:29			

2.3 Aspect



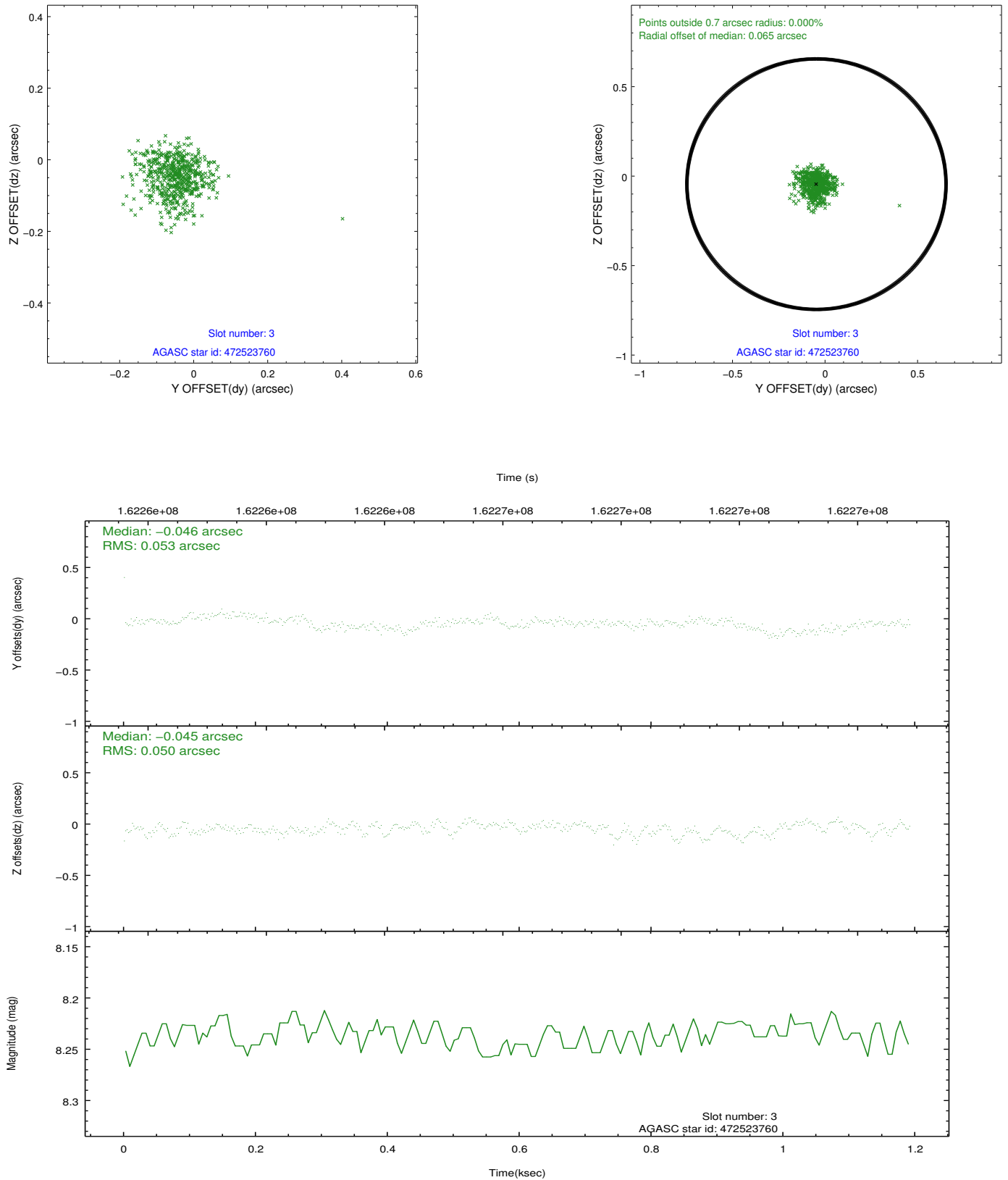


Slot Statistics

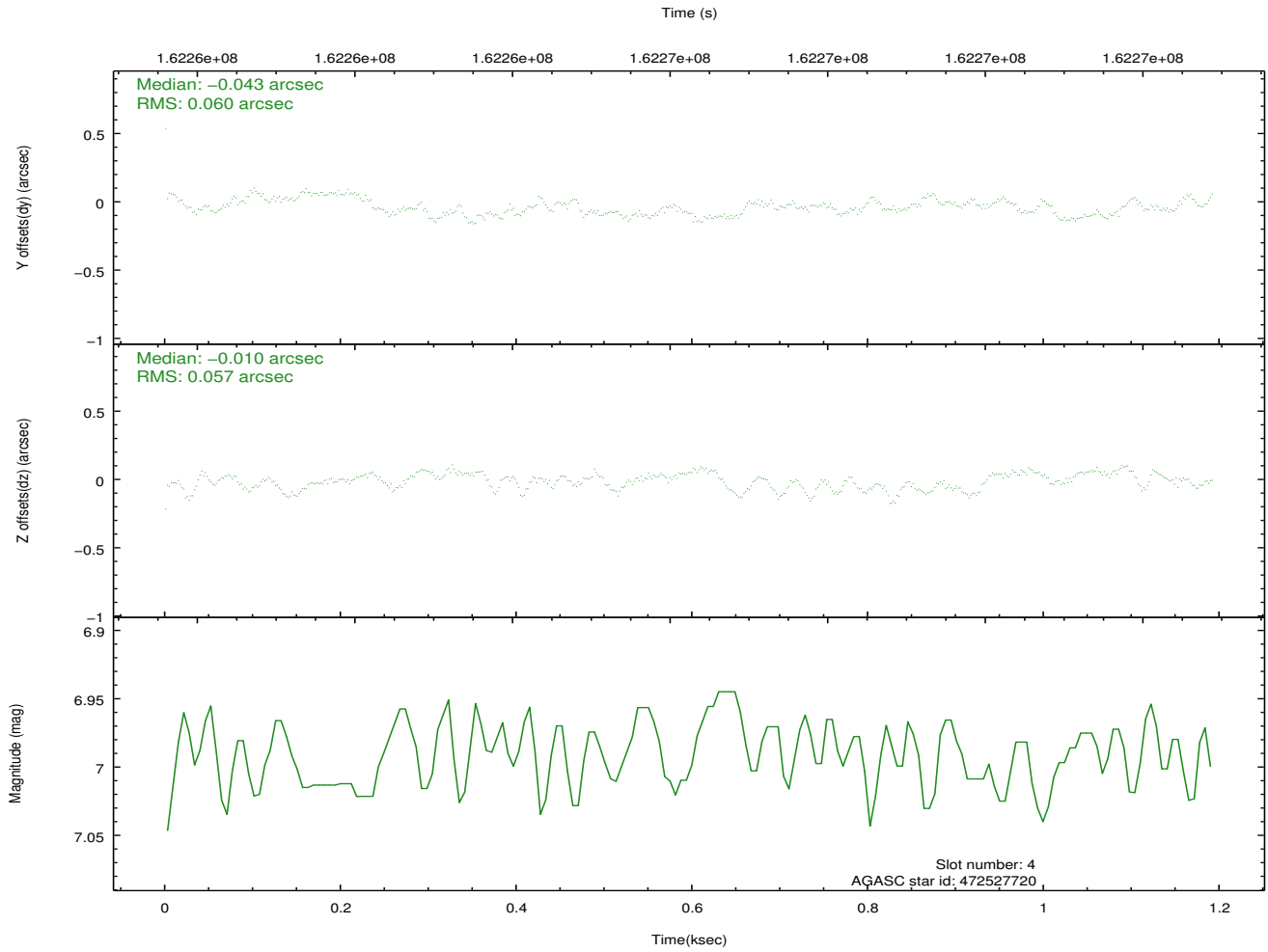
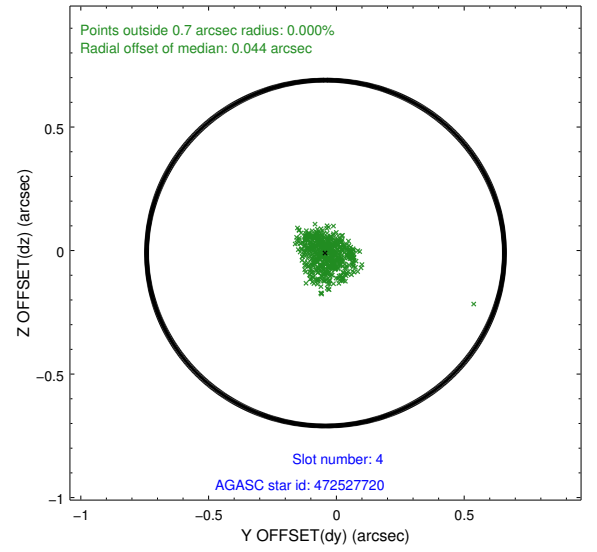
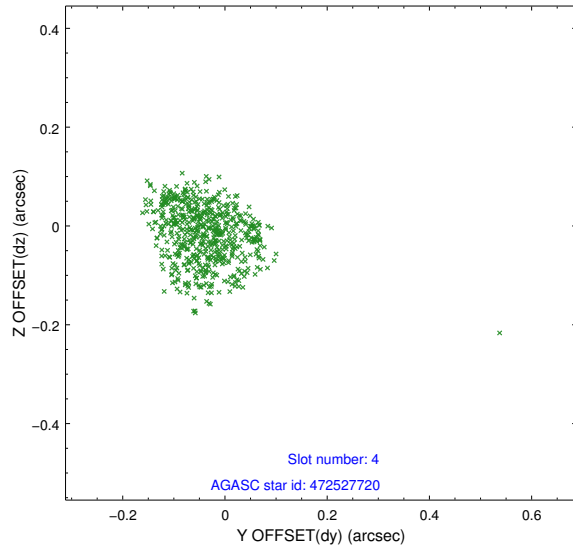
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.02	291	0.156	-0.139	0.007	0.012	0.000000	0.000000	-1158.52	-456.97
1	FID	HRC-S-2	7.01	291	0.065	-0.084	0.005	0.011	0.000000	0.000000	1237.09	-451.13
2	FID	HRC-S-3	7.03	291	0.169	-0.079	0.007	0.012	0.000000	0.000000	-1156.98	571.07
3	GUIDE	472523760	8.23	582	-0.046	-0.045	0.074	0.121	331.645363	45.403260	-1082.89	-965.12
4	GUIDE	472527720	6.99	582	-0.043	-0.010	0.088	0.127	331.460205	45.112509	-1621.45	-1980.52
5	GUIDE	472654568	9.43	581	-0.041	0.025	0.105	0.167	332.194449	45.063576	229.36	-2273.74
6	GUIDE	472659832	9.46	582	0.009	0.088	0.096	0.163	332.780399	46.098139	1907.29	1365.42
7	GUIDE	472518056	10.13	581	0.126	-0.045	0.159	0.253	331.135255	45.897207	-2240.20	898.08

2.4 Star Slots

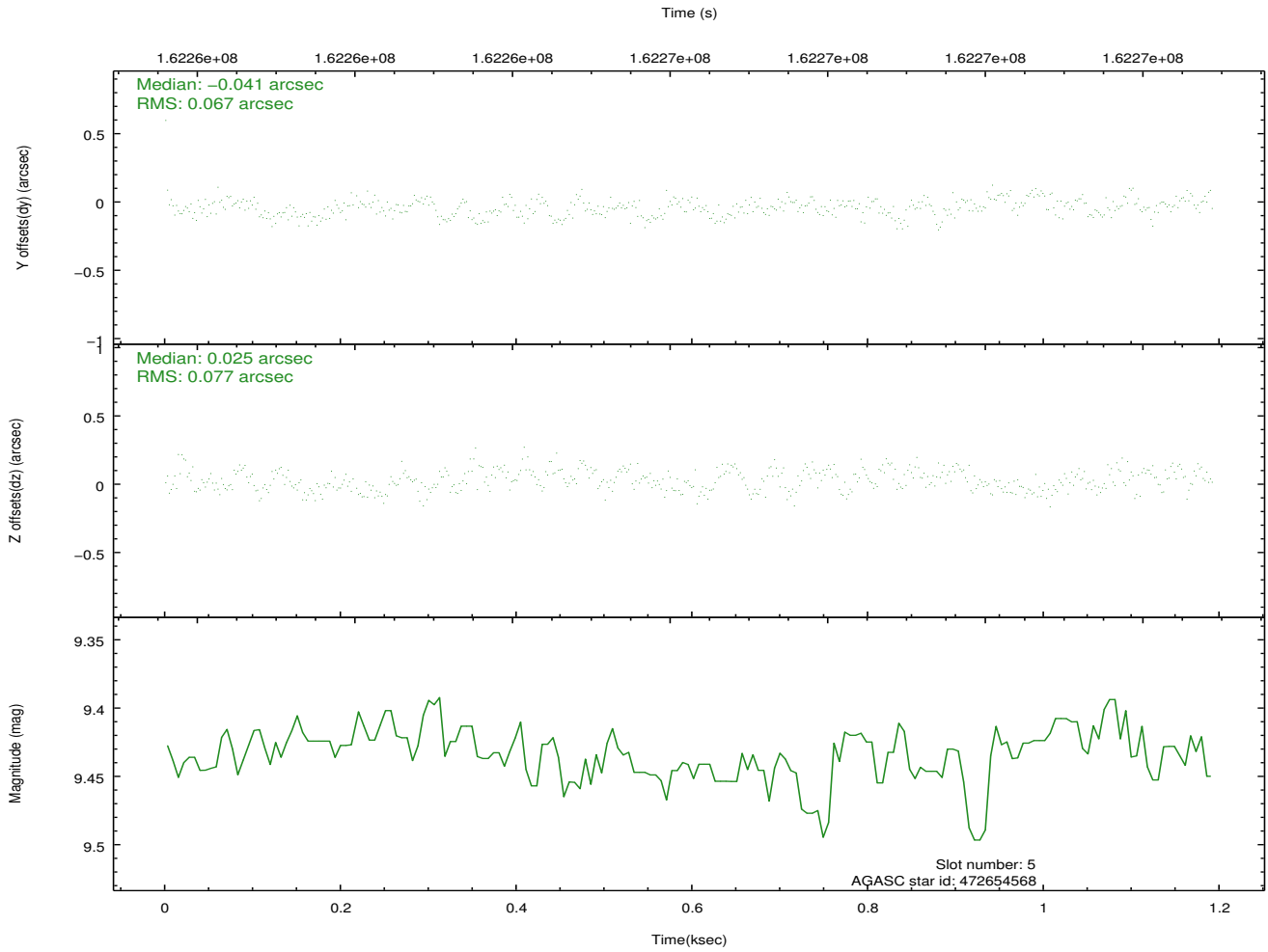
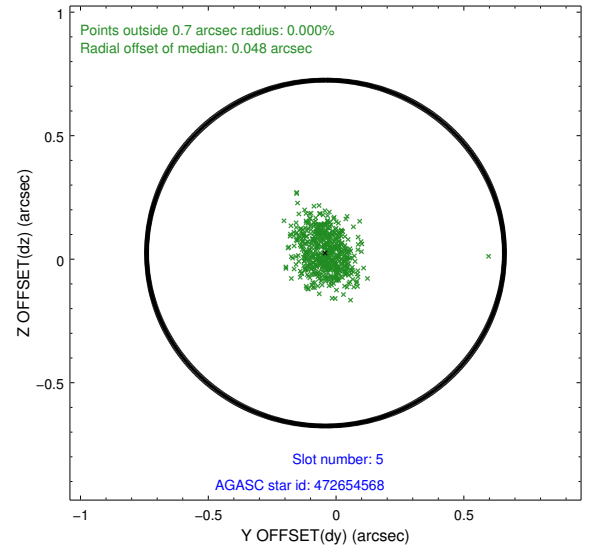
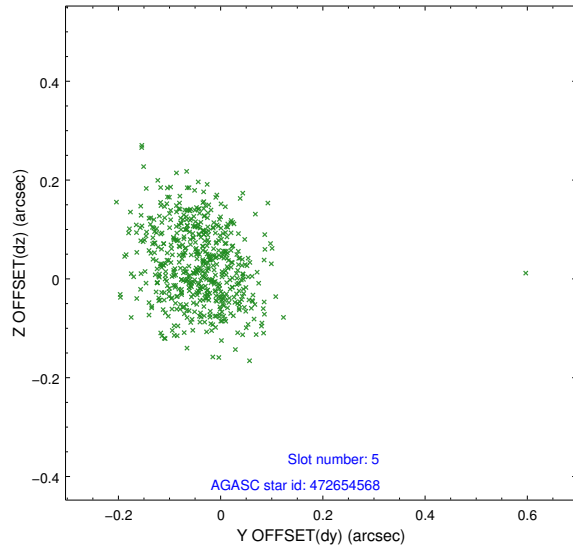
2.4.1 Slot 3



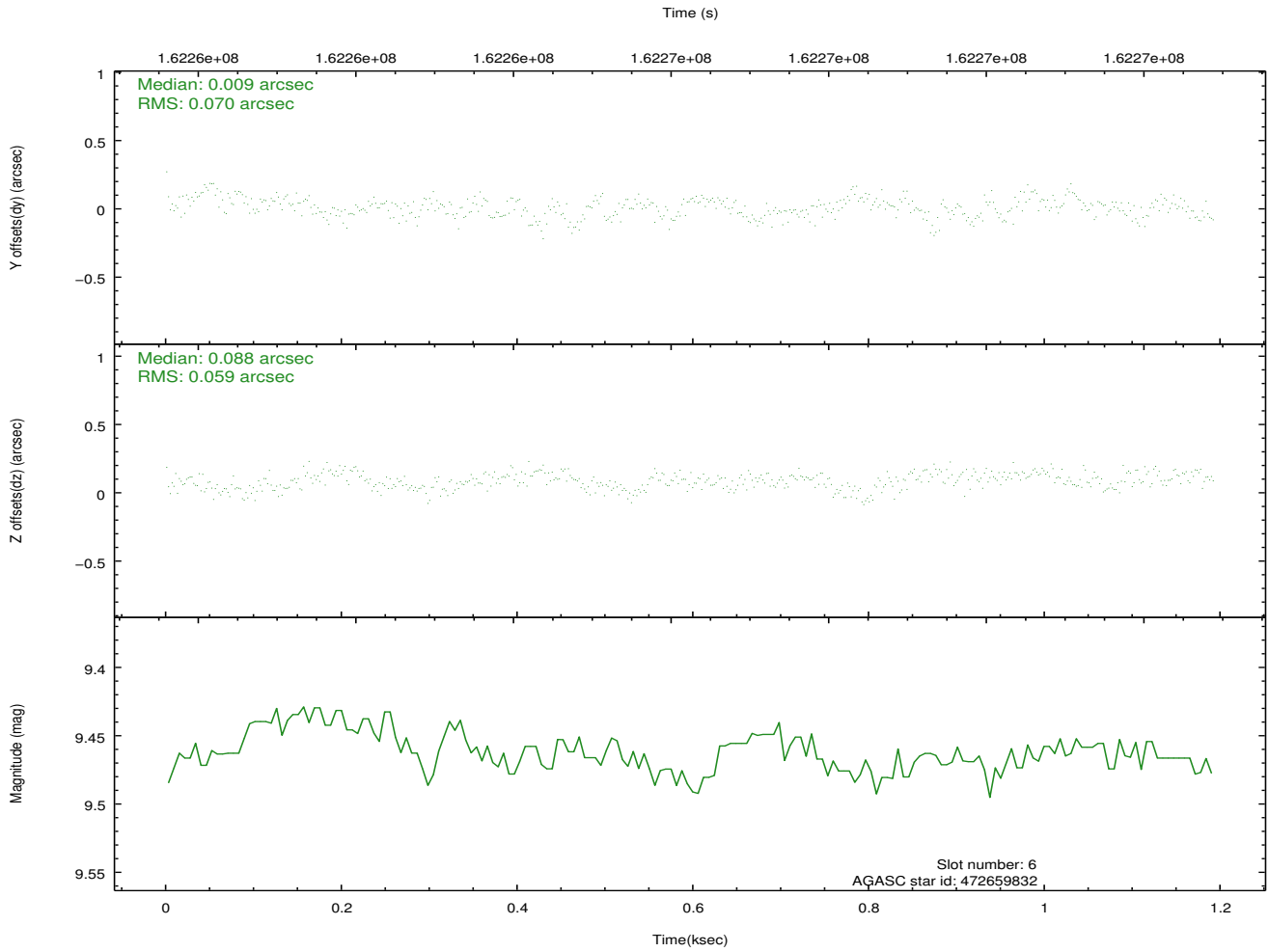
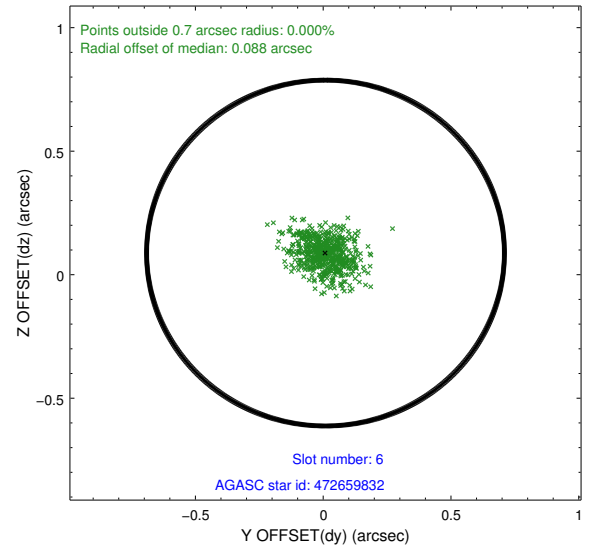
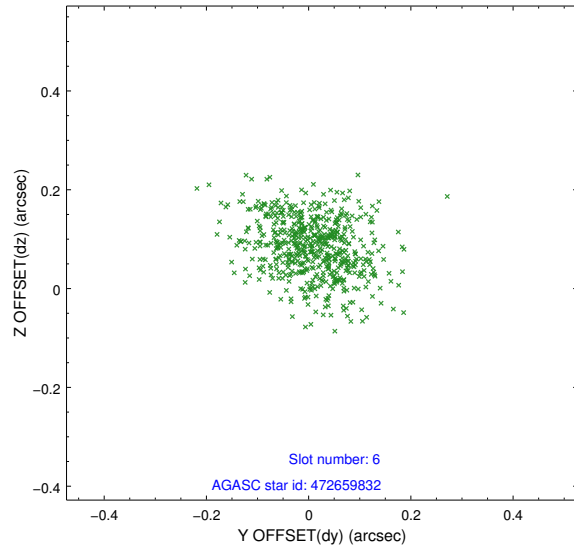
2.4.2 Slot 4



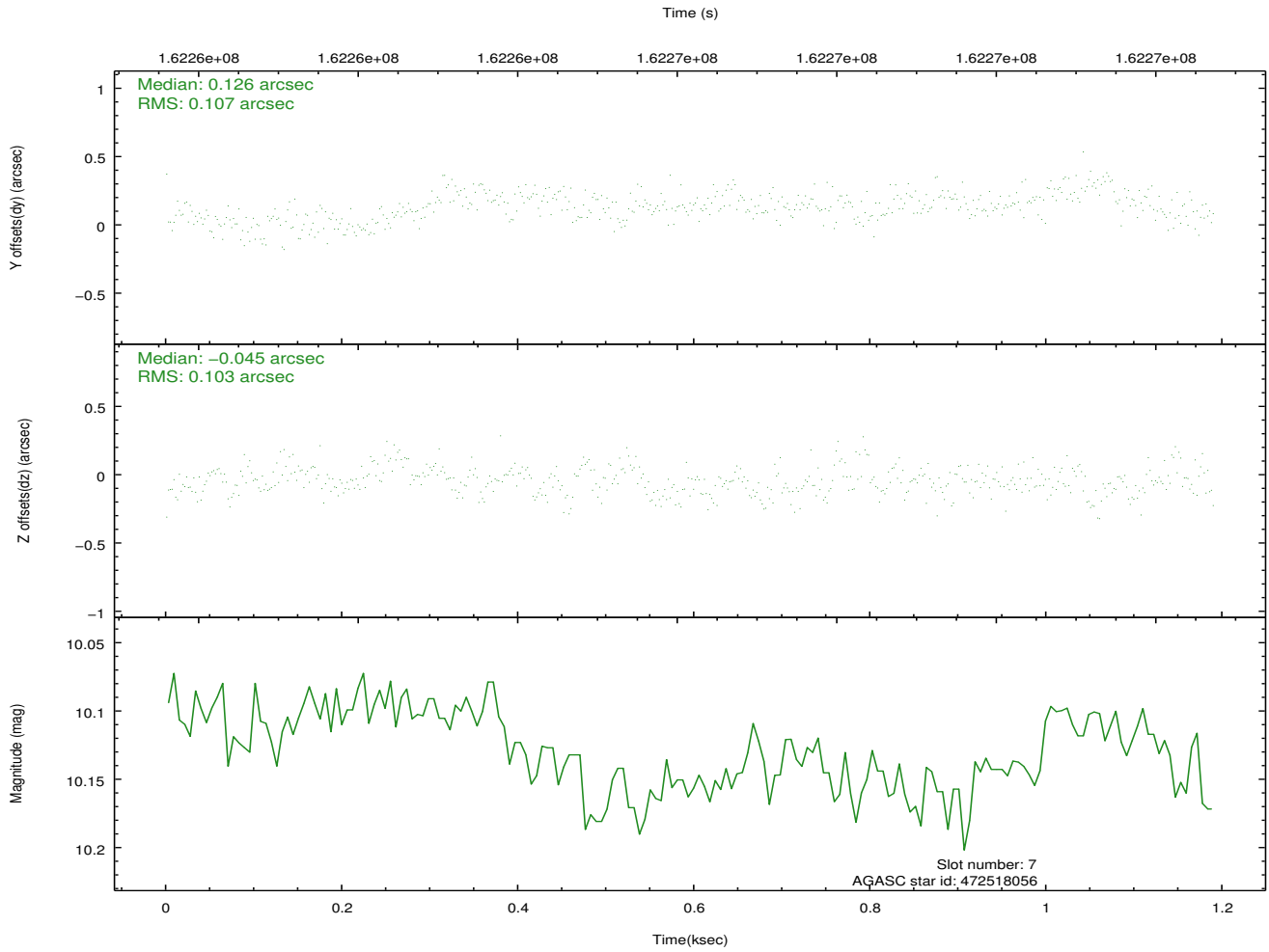
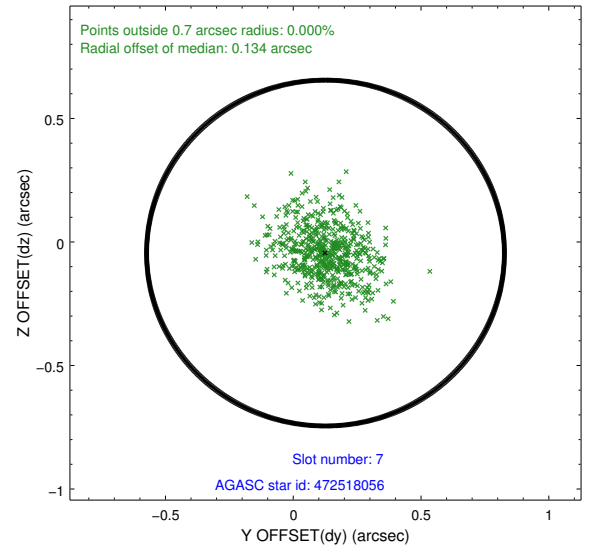
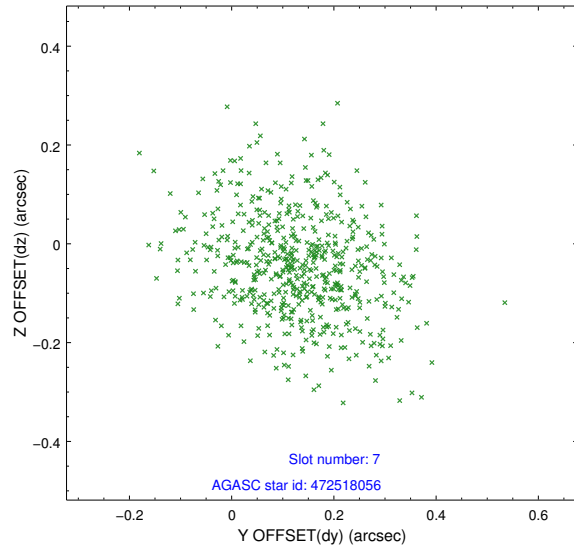
2.4.3 Slot 5



2.4.4 Slot 6

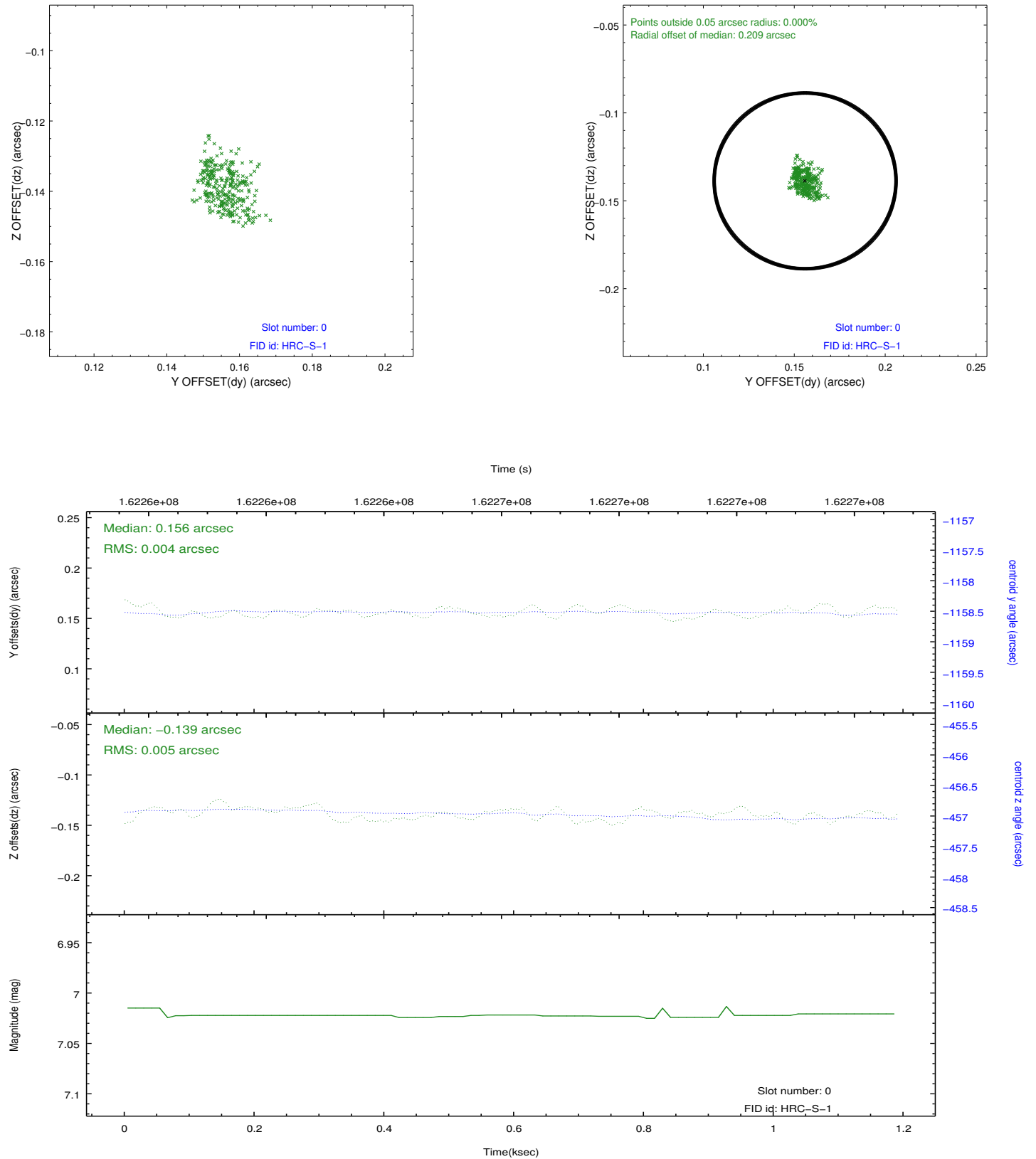


2.4.5 Slot 7

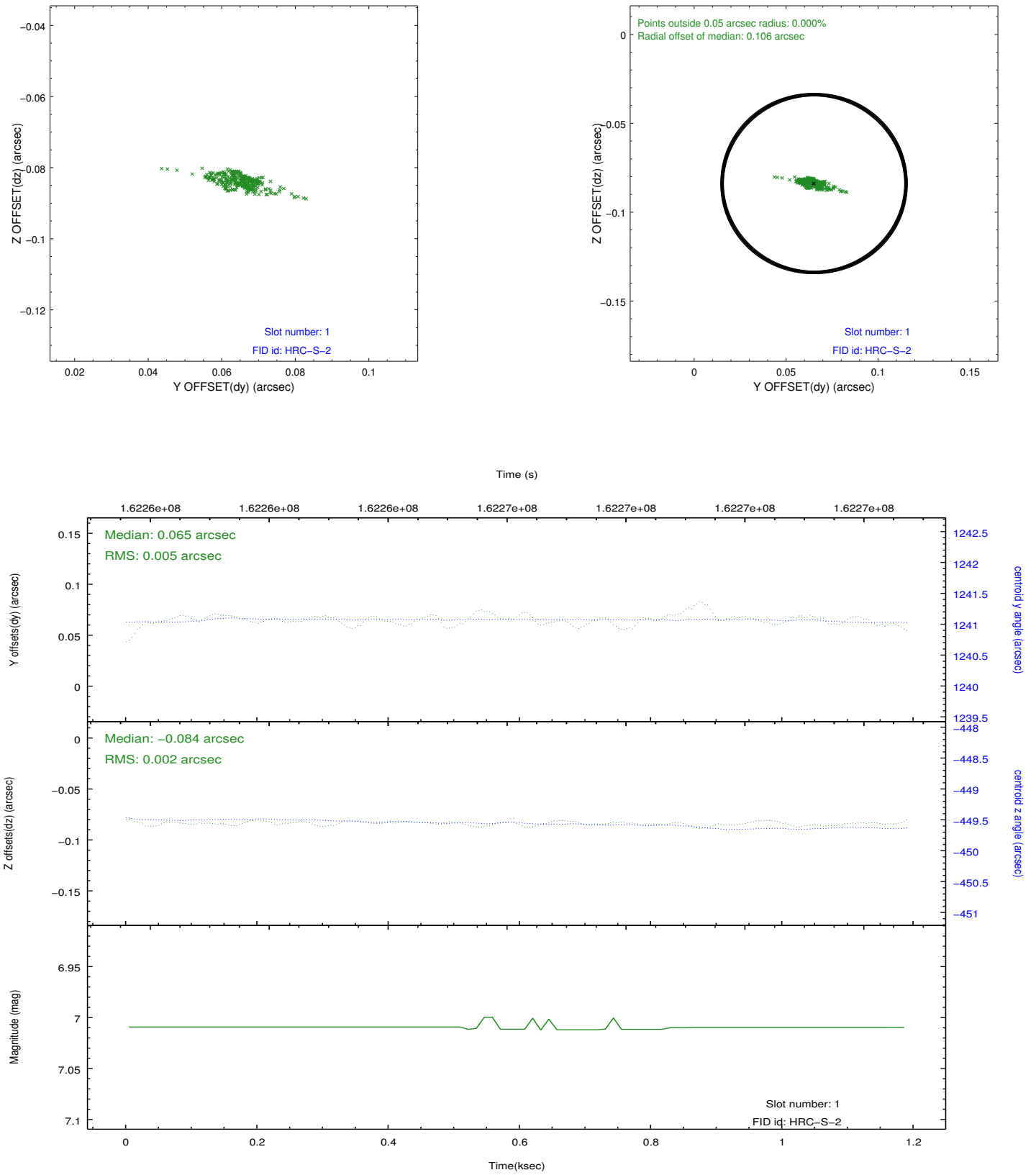


2.5 FID Slots

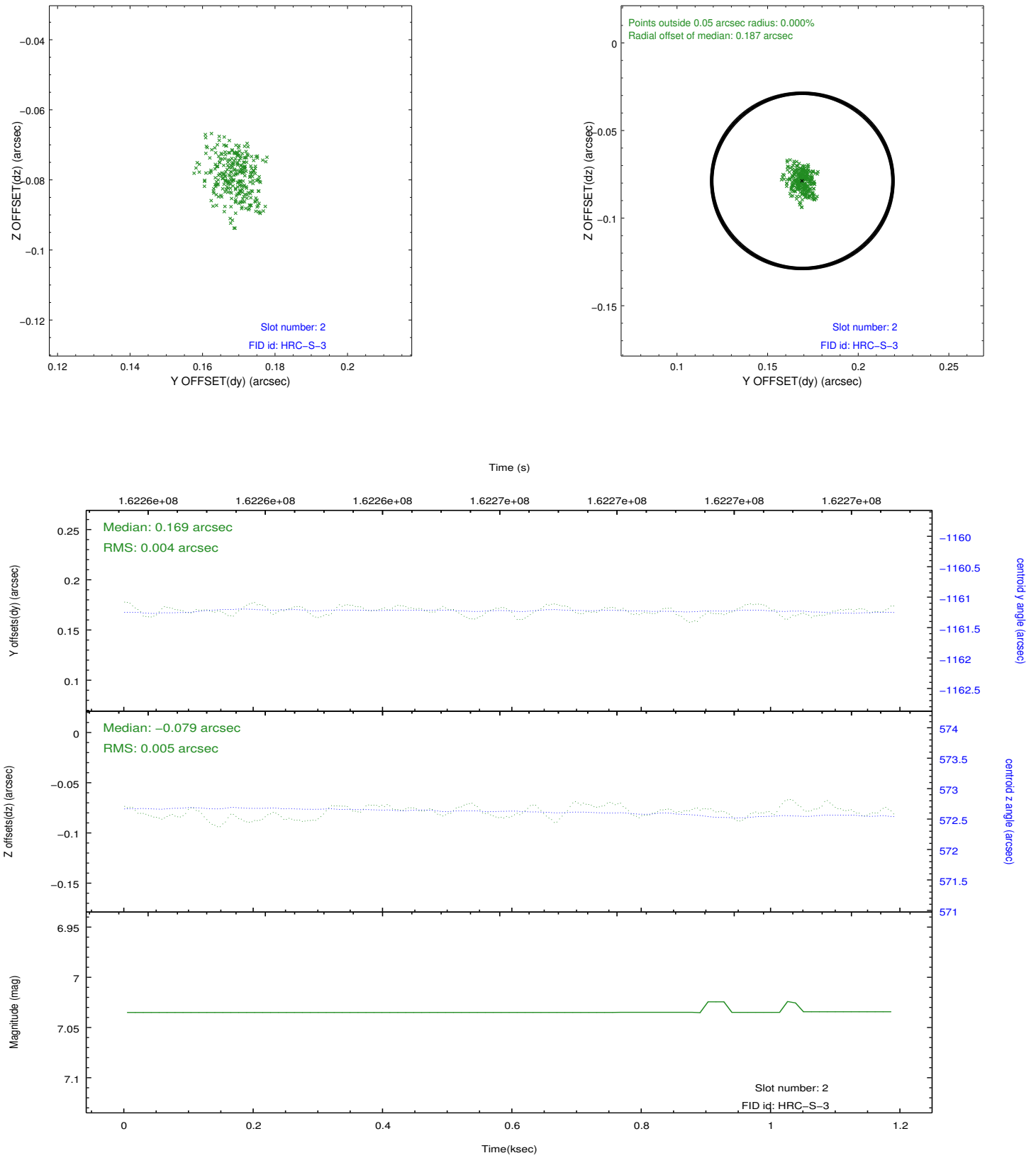
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.11.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.143

A.2 Comments